(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization

International Bureau



(43) International Publication Date 15 July 2004 (15.07.2004)

PCT

(10) International Publication Number WO 2004/058509 A1

(51) International Patent Classification7: 35/36, 11/46

B41J 11/00,

(21) International Application Number:

PCT/EP2003/014991

(22) International Filing Date:

23 December 2003 (23.12.2003)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data: 0230199.2

24 December 2002 (24.12.2002)

(71) Applicant (for all designated States except US): ES-SELTE [BE/BE]; Industriepark - Noord 30, B-9100 Sint-Niklaas (BE).

- (72) Inventors; and
- VANDER-(75) Inventors/Applicants (for US only): MEULEN, Kris [BE/BE]; Kievitlaan 2, B-2880 Bornem (BE). VLEURINCK, Jos [BE/BE]; Stichelendries 5, B-9340 Oordegem (BE). HEYSE, Geert [BE/BE]; Leeuwerikstraat 12, B-2860 Sint-Katelijne-Waver (BE).

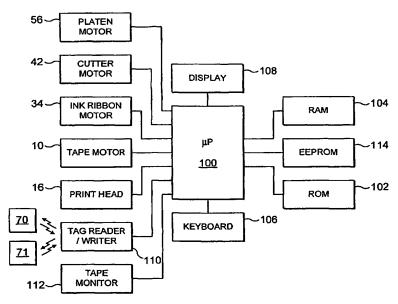
- (74) Agents: DRIVER, Virginia, Rozanne et al.; Page White & Farrer, 54 Doughty Street, London WC1N 2LS (GB).
- (81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (regional): ARIPO patent (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: INFORMATION ON CONSUMABLES



(57) Abstract: A printing apparatus using a consumable providing at least one of an image receiving tape, the consumable carrying a tag holding parameter information identifying the width of the tape and status information including the amount of tape remaining in the consumable, the printing apparatus comprising: printing means for printing an image; a tag reader arranged to receive said information from the tag via a contactless link in the form of electromagnetic waves; and a processor arranged to (i) receive said information and to control operation of the printing apparatus in dependence thereon including selecting a printing operation based on the identified width, and (ii) update the status information based on usage of the tape via the contactless link.

